

Listing of the Claims:

This Listing of Claims will replace all prior versions and listings of claims in the above-referenced patent application:

1. (Original) A method for protection against infection which comprises administering to a patient in need of such protection a composition comprising riboflavin and/or a riboflavin derivative.
2. (Original) The method according to claim 1 wherein the riboflavin derivative is flavin mononucleotide, flavin adenine dinucleotide or a pharmacologically acceptable salt of riboflavin.
3. (Original) The method according to claim 1 wherein the composition comprises riboflavin and/or a riboflavin derivative and an antibiotic.
4. (Original) The method according to claim 1 wherein the composition is administered to the patient in an amount ranging from 0.1 to 500 mg/kg of weight of the patient.
5. (Original) The method according to claim 1 wherein the composition is administered to the patient in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.
6. (Original) A method for protection against infection which comprises administering to a patient in need of such protection a composition comprising riboflavin and/or a riboflavin and/or a riboflavin derivative and a water-soluble polymer or lecithin.
7. (Original) The method according to claim 6 wherein the water-soluble polymer is one or more selected from the group consisting of polyvinyl pyrrolidone, sodium carboxymethyl cellulose, methy cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, sodium chondroitinn sulfate, polyethylene-hardened castor oil, polyoxysorbitan fatty acid esters and polyvinlyl alcohol.

8. (Original) The method according to claim 6 wherein the lecithin is one or more selected from the group consisting of yolk lecithin, soybean lecithin and hydrogenated lecithins thereof.

9. (Previously amended) A method for treating infection by administering to a patient in need of such treatment a composition comprising riboflavin and/or riboflavin derivative and a composition formulation additive.

10. (Original) The method according to claim 9 wherein riboflavin and/or riboflavin derivative is the sole active ingredient of the composition.

11. (Original) The method according to claim 10 further comprising a patient with sepsis.

12. (Original) The method according to claim 9 wherein the riboflavin derivative is flavin mononucleotide, flavin adenine dinucleotide or a pharmacologically acceptable salt of riboflavin.

13. (Original) The method according to claim 9 wherein the composition is administered to the patient in an amount ranging from 0.1 to 500 mg/kg of weight of the patient.

14. (Original) The method according to claim 9 wherein the composition is administered to the patient in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.

15. (Original) The method according to claim 9 further comprising a water-soluble polymer or lecithin.

16. (Original) The method according to claim 15 wherein the water-soluble polymer is one or more selected from the group consisting of polyvinyl pyrrolidone, sodium carboxymethyl cellulose, methy cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, sodium chondroitin sulfate, polyethylene-hardened castor oil, polyoxysorbitan fatty acid esters and polyvinyl alcohol.

17. (Original) The method according to claim 16 wherein the lecithin is one or more selected from the group consisting of yolk lecithin, soybean lecithin and hydrogenated lecithins thereof.

18. (Original) The method according to claim 9 further comprising an antibiotic.

19. (Previously amended) A method of treating a patient with an infection comprising administering a composition comprising riboflavin and/or riboflavin derivative in an amount sufficient to enhance the immune function of the patient and a composition formulation additive.

20. (Original) The method according to claim 19 wherein riboflavin and/or riboflavin derivative is the sole active ingredient of the composition.

21. (Original) The method according to claim 20 further comprising a patient with sepsis.

22. (Original) The method according to claim 19 wherein the riboflavin derivative is flavin mononucleotide, flavin adenine dinucleotide or a pharmacologically acceptable salt of riboflavin.

23. (Original) The method according to claim 19 wherein the composition is administered to the patient in an amount ranging from 0.1 to 500 mg/kg of weight of the patient.

24. (Original) The method according to claim 19 wherein the composition is administered to the patient in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.

25. (Original) The method according to claim 19 further comprising a water-soluble polymer or lecithin.

26. (Original) The method according to claim 25 wherein the water-soluble polymer is one or more selected from the group consisting of polyvinyl pyrrolidone, sodium

carboxymethyl cellulose, methy cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, sodium chondroitin sulfate, polyethylene-hardened castor oil, polyoxysorbitan fatty acid esters and polyvinyl alcohol.

27. (Original) The method according to claim 26 wherein the lecithin is one or more selected from the group consisting of yolk lecithin, soybean lecithin and hydrogenated lecithins thereof.

28. (Original) The method according to claim 19 further comprising an antibiotic.

29. (Previously amended) A method of enhancing the immune response of a patient with an infection by administering to the patient a composition comprising riboflavin and/or riboflavin derivative and a composition formulation additive.

30. (Original) The method according to claim 29 wherein riboflavin and/or riboflavin derivative is the sole active ingredient of the composition.

31. (Original) The method according to claim 30 further comprising administering a sufficient amount of riboflavin and/or riboflavin derivative to a patient with sepsis.

32. (Original) The method according to claim 29 wherein the riboflavin derivative is flavin mononucleotide, flavin adenine dinucleotide or a pharmacologically acceptable salt of riboflavin.

33. (Original) The method according to claim 29 wherein the composition is administered to the patient in an amount ranging from 0.1 to 500 mg/kg of weight of the patient.

34. (Original) The method according to claim 29 wherein the composition is administered to the patient in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.

35. (Original) The method according to claim 29 further comprising a water-soluble polymer or lecithin.

36. (Original) The method according to claim 35 wherein the water-soluble polymer is one or more selected from the group consisting of polyvinyl pyrrolidone, sodium carboxymethyl cellulose, methyl cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, sodium chondroitin sulfate, polyethylene-hardened castor oil, polyoxysorbitan fatty acid esters and polyvinyl alcohol.

37. (Original) The method according to claim 36 wherein the lecithin is one or more selected from the group consisting of yolk lecithin, soybean lecithin and hydrogenated lecithins thereof.

38. (Original) The method according to claim 29 further comprising an antibiotic.

39. (Previously amended) A method for treating a patient with sepsis by administering to such a patient a sufficient amount of a composition comprising riboflavin and/or riboflavin derivative and a composition formulation additive.

40. (Original) The method according to claim 39 wherein riboflavin and/or riboflavin derivative is the sole active ingredient of the composition.

41. (Original) The method according to claim 40 wherein the riboflavin derivative is flavin mononucleotide, flavin adenine dinucleotide or a pharmacologically acceptable salt of riboflavin.

42. (Original) The method according to claim 39 wherein the composition is administered to the patient in an amount ranging from 0.1 to 500 mg/kg of weight of the patient.

43. (Original) The method according to claim 39 wherein the composition is administered to the patient in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.

44. (Original) The method according to claim 39 further comprising a water-soluble polymer or lecithin.

45. (Original) The method according to claim 44 wherein the water-soluble polymer is one or more selected from the group consisting of polyvinyl pyrrolidone, sodium carboxymethyl cellulose, methyl cellulose, hydroxypropyl cellulose, hydroxypropylmethyl cellulose, sodium chondroitin sulfate, polyethylene-hardened castor oil, polyoxysorbitan fatty acid esters and polyvinyl alcohol.

46. (Original) The method according to claim 45 wherein the lecithin is one or more selected from the group consisting of yolk lecithin, soybean lecithin and hydrogenated lecithins thereof.

47. (Original) The method according to claim 39 further comprising an antibiotic.

48. (Previously amended) A method of treating a patient with sepsis comprising administering a composition comprising riboflavin and/or riboflavin derivative in an amount sufficient to enhance the immune function of the patient, wherein riboflavin and/or riboflavin derivative is the sole active ingredient and a composition formulation additive.

49. (Original) The method according to claim 48 wherein the riboflavin derivative is flavin mononucleotide, flavin adenine dinucleotide or a pharmacologically acceptable salt of riboflavin.

50. (Original) The method according to claim 48 wherein the composition is administered to the patient in an amount ranging from 0.1 to 500 mg/kg of weight of the patient.

51. (Original) The method according to claim 48 wherein the composition is administered to the patient in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.

52. (Original) A method of treating a patient with sepsis comprising administering a composition comprising riboflavin monophosphate in an amount sufficient to enhance the immune function of the patient, wherein riboflavin monophosphate is the sole active ingredient and a composition formulation additive.

53. (Original) The method according to claim 52 wherein the composition is administered to the patient in an amount ranging from 0.1 to 500 mg/kg of weight of the patient.

54. (Original) The method according to claim 52 wherein the composition is administered to the patient in a form of intramuscular injection, intravenous injection, subcutaneous injection or oral administration.